Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Matter Practice Problems**

**Classify each of the following substances as an element, a compound, a homogeneous mixture, or a heterogeneous mixture.**

1. Sand 2. Salt (NaCl) 3. Pure Water (H2O)

4. Soil 5. Sprite 6. Pure air (O2)

7. Carbon Dioxide (CO2) 8. Gold (Au) 9. Brass

10. Oxygen (O2) 11. Italian Salad Dressing 12. Salt Water

13. Raisin Bran 14. Silver (Ag) 15. Lithium Iodide (LiI)

16. Apple Pie 17. Kool Aid 18. Sugar Water

19. Chocolate chip Cookie 20. Gatorade 21. Raisin Bran cereal

22. Tacos 23. Lead (Pb) 24. Caesar Salad

25. Calcium (Ca) 26. Whole Milk 27. Skim Milk

28. Hydrogen peroxide (H2O2) 29. Potassium (K) 30. Sugar (C12H22O11)